

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

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Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended October 22, 1960

The 1960 cumulative number of cases of human rabies has been changed from 3 to 2. One case reported in Georgia for the week ended September 10 had previously been reported for the week ended August 4. The 2 cases this year occurred in Georgia and in Ohio.

A total of 140 cases of poliomyelitis, of which 93 were paralytic cases, was reported for the week ended October 22. This is an increase over the revised figures for the previous week—a total of 122 cases, of which 78 were paralytic. For the week ended October 24, 1959, the total was 248, including 194 paralytic cases. So far this year the cumulative number of paralytic cases (1838) is still slightly below the figure (1881) for the comparable period of 1957, the low year since records on paralytic cases have been kept.

The increase in paralytic cases for the current week compared to the previous week resulted primarily from larger

figures being reported in the New England, East North Central, and South Atlantic Divisions. A total of 18 cases (14 paralytic) was reported in Maryland. Last week, the total was 15 cases, all paralytic. Ten of the 14 paralytic cases and 4 nonparalytic cases occurred in Baltimore.

Three paralytic cases were reported in Puerto Rico. The cumulative total now stands at 462 paralytic cases. The previous high figure for the last 10 years was 404 paralytic cases reported during 1955.

The Colorado Communicable Disease Summary for the week ended October 8 states that of the 13 cases of poliomyelitis, all paralytic, reported by October 8 all but one were in children less than 5 years of age. The one exception was a case in a 16-year-old girl. Only 3 of the cases were in females. Ten of the individuals had not been vaccinated and 1 had received 3 doses of vaccine.

Table 1. Cases of Specified Notifiable Diseases, United States

(Cumulative totals include revised and delayed reports)

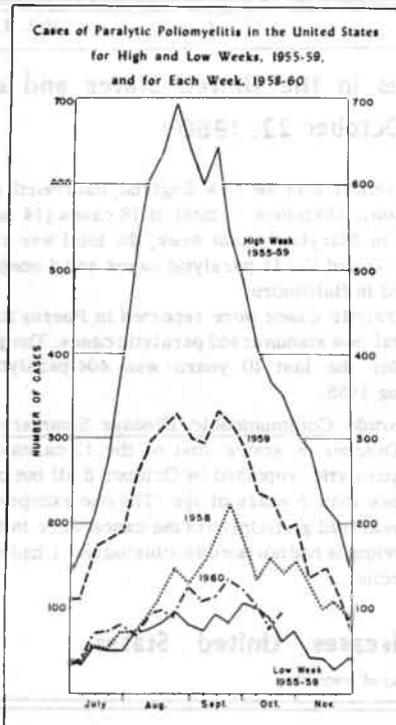
Disease (Seventh Revision of International Lists, 1955)	42d week			Cumulative						Approximate seasonal low point
	Ended Oct. 22, 1960 ¹	Ended Oct. 24, 1959	Median 1955-59	First 42 weeks			Since seasonal low week			
				1960 ¹	1959	Median 1955-59	1958-60 ²	1958-59	Median 1954-55 to 1958-59	
Anthrax-----062	-	-	-	15	12	16	(²)	(²)	(²)	(²)
Botulism-----049.1	-	1	-	10	20	11	(²)	(²)	(²)	(²)
Brucellosis (undulant fever)-----044	20	11	20	649	610	791	(²)	(²)	(²)	(²)
Diphtheria-----055	26	22	38	551	649	841	222	252	305	July 1
Encephalitis, infectious-----082	24	52	52	1,562	1,813	1,813	949	1,235	1,235	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	944	433	353	31,259	17,973	15,814	5,756	2,850	2,071	Sept. 1
Malaria-----110-117	1	1	3	60	65	135	(²)	(²)	(²)	(²)
Measles-----085	1,331	1,259	1,305	406,054	370,336	523,967	6,296	7,021	7,099	Sept. 1
Meningitis, aseptic-----340 pt.	98	---	---	2,475	---	---	---	---	---	---
Meningococcal infections-----057	50	35	43	1,780	1,848	2,124	245	281	288	Sept. 1
Poliomyelitis-----080	140	248	249	2,699	7,199	7,199	2,482	6,906	6,096	Apr. 1
Paralytic-----080.0,080.1	93	194	157	1,838	4,704	4,704	1,685	4,496	4,496	Apr. 1
Nonparalytic-----080.2	22	42	65	576	1,910	2,673	539	1,862	2,507	Apr. 1
Unspecified-----080.3	25	12	27	285	585	852	258	548	763	Apr. 1
Psittacosis-----096.2	2	-	2	82	88	213	(²)	(²)	(²)	(²)
Rabies in man-----094	-	-	-	2	4	4	(²)	(²)	(²)	(²)
Streptococcal sore throat, including scarlet fever-----050,051	4,016	---	---	250,524	---	---	---	---	---	---
Typhoid fever-----040	28	21	27	677	700	1,133	550	573	872	Apr. 1
Typhus fever, endemic-----101	-	1	1	55	39	88	50	33	68	Apr. 1
Rabies in animals-----	43	75	68	2,888	3,152	3,824	117	206	198	Oct. 1

¹Data exclude report from Nevada for the current week.

²Data show no pronounced seasonal change in incidence.

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The chart below shows the number of cases of paralytic poliomyelitis reported each week since the beginning of July 1960, compared with the number reported for the comparable weeks in 1959 and 1958, and the highest and lowest figures for each week in the years 1955-59. For most of the period included in the chart, the highest weekly number of cases was reported in 1955. For 2 weeks in July, the highest figure occurred in 1956. The lowest figures for the first weeks of the period were in 1958 and then in 1957.



By October 1, 1960, a total of 586 cases of paralytic poliomyelitis had been reported in Canada. The peak week was the week ended August 27 when 60 cases were reported. For the week ended October 1 there were 25 cases. About 73 percent of the cases have been reported in the provinces of Alberta, British Columbia, and Quebec with 134, 148, and 145 cases, respectively. Except for 1959, the 1960 cumulative total exceeds all yearly totals reported since 1955. Preliminary surveillance reports have been received for 401 cases. These reports show that 36.2 percent of the cases have been in children under 5 years of age and 21.4 percent in adults. Of the 401 cases, 60.4 percent had not received any vaccine and 23.5 percent had received 3 or more doses. Fifty-two deaths have been reported.

Preliminary reports on 35 of these show that 75 percent of the individuals had not been vaccinated and 18.7 percent had received 3 or more doses. Ten of the deaths occurred among children under 5 years of age, and 10 were among adults.

EPIDEMIOLOGICAL REPORTS

Q fever

A report of a case of Q fever was received from the Kansas State Board of Health. The patient was a 48-year-old male. Onset of infection was characterized by sudden severe headache, malaise, generalized aching, and fever up to 106° F. Subsequently, the man developed a dry, unproductive cough which progressed into bronchopneumonia. Complement-fixation tests for Q fever showed a 4-fold rise in antibody titer. Following treatment, the man responded rapidly. There was no history of contact with animals which might have been infected, with meat of suspicious quality, nor of consuming unpasteurized milk. However, it was learned that the individual occasionally cleaned the filters on the air conditioning system of a viral-rickettsial laboratory.

Staphylococcal food poisoning

Dr. Josef Preizler, Wisconsin State Board of Health, reported that 13 persons became ill with nausea, vomiting, and diarrhea from 4 to 6 hours following consumption of chocolate eclairs at dinner. The eclairs were baked early in the morning of the same day. Eight persons were hospitalized because of prostration. The baker who prepared the eclairs had suppurative lesions on his hand and cultures from these lesions revealed the presence of coagulase-positive staphylococci, phage type 29. The same type of staphylococci was recovered from three samples of chocolate eclairs found in a patient's home. The same organism was grown from throat swabs from 6 persons.

QUARANTINE MEASURES

Immunization Information for International Travel Public Health Service Publication No. 334 (1960)

Changes Reported

Asia.—Section 5. Cholera vaccination for countries of the Near East. It is recommended that all persons traveling into countries of the Near East be vaccinated against cholera and carry a valid certificate of vaccination against the disease.

Cholera is epidemic in Afghanistan for the first time since 1956, and it has been reported unofficially in Abadan, Iran, where the last epidemic occurred in 1939.

Unofficial information was received from Iraq that all persons, including those with valid certificates of vaccination against cholera, arriving from infected areas may be held in quarantine for the incubation of the disease, which is 5 days.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 24, 1959, AND OCTOBER 22, 1960

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Poliomyelitis 080										Menin- gitis, aseptic 340 pt. 1960	Brucel- losis (undulant fever) 044 1960
	Total ¹				Paralytic 080.0,080.1				Nonparalytic			
	42d week		Cumulative, first 42 weeks		42d week		Cumulative, first 42 weeks		080.2			
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959		
UNITED STATES ² -----	140	248	2,699	7,199	93	194	1,838	4,704	22	42	96	20
NEW ENGLAND-----	8	20	207	317	7	19	162	243	1	1	5	-
Maine-----	4	6	38	59	4	6	38	59	-	-	1	-
New Hampshire-----	-	-	-	4	-	-	-	3	-	-	-	-
Vermont-----	-	-	7	5	-	-	2	5	-	-	-	-
Massachusetts-----	1	8	29	133	-	8	19	97	1	-	2	-
Rhode Island-----	-	2	99	8	-	2	76	6	-	-	2	-
Connecticut-----	3	4	34	108	3	3	27	73	-	1	-	-
MIDDLE ATLANTIC-----	22	39	392	647	10	32	274	414	6	3	6	-
New York-----	12	29	218	393	4	23	142	228	3	2	2	-
New Jersey-----	4	5	75	127	3	5	55	84	-	-	3	-
Pennsylvania-----	6	5	99	127	3	4	77	102	3	1	1	-
EAST NORTH CENTRAL-----	26	41	457	1,079	16	28	263	462	5	8	25	3
Ohio-----	4	8	106	241	4	6	55	106	-	-	1	-
Indiana-----	9	3	106	130	2	2	65	93	2	1	3	-
Illinois-----	5	20	131	261	3	16	88	130	2	2	7	3
Michigan-----	8	9	83	405	7	3	46	111	1	5	14	-
Wisconsin-----	-	1	31	42	-	1	9	22	-	-	-	-
WEST NORTH CENTRAL-----	2	35	154	1,409	1	25	87	769	1	9	15	16
Minnesota-----	1	7	49	216	1	7	41	174	-	-	7	1
Iowa-----	-	4	21	407	-	3	4	213	-	-	3	8
Missouri-----	-	21	32	449	-	13	22	248	-	8	-	-
North Dakota-----	-	-	14	13	-	-	5	6	-	-	-	-
South Dakota-----	-	-	4	14	-	-	1	1	-	-	-	1
Nebraska-----	1	1	15	131	-	-	8	67	1	1	-	-
Kansas-----	-	2	19	179	-	2	6	60	-	-	5	6
SOUTH ATLANTIC-----	41	41	489	1,084	33	35	375	859	6	5	3	-
Delaware-----	-	-	-	8	-	-	-	7	-	-	-	-
Maryland-----	18	2	126	36	14	2	115	35	4	-	-	-
District of Columbia-----	-	-	2	6	-	-	2	5	-	-	-	-
Virginia-----	7	10	31	253	7	9	28	215	-	1	1	-
West Virginia-----	6	6	46	164	6	5	38	133	-	1	1	-
North Carolina-----	4	9	85	232	3	8	55	203	1	1	-	-
South Carolina-----	1	2	123	76	1	2	81	41	-	-	-	-
Georgia-----	-	6	18	139	-	4	16	106	-	2	-	-
Florida-----	5	6	58	170	2	5	40	114	1	-	1	-
EAST SOUTH CENTRAL-----	17	24	211	753	7	16	85	571	-	8	11	1
Kentucky-----	10	7	118	84	-	1	5	69	-	6	4	-
Tennessee-----	1	8	40	332	1	7	27	248	-	1	-	-
Alabama-----	6	5	21	232	6	5	21	196	-	-	-	-
Mississippi-----	-	4	32	105	-	3	32	58	-	1	7	1
WEST SOUTH CENTRAL-----	6	22	258	1,047	5	17	158	686	1	5	3	-
Arkansas-----	-	6	31	283	-	5	20	217	-	1	-	-
Louisiana-----	1	-	48	120	-	-	29	85	1	-	-	-
Oklahoma-----	-	-	16	141	-	-	11	80	-	-	-	-
Texas-----	5	16	163	503	5	12	98	304	-	4	3	-
MOUNTAIN ² -----	5	4	75	168	3	1	39	96	-	2	7	-
Montana-----	2	-	18	7	2	-	14	2	-	-	-	-
Idaho-----	2	-	7	6	-	-	1	-	-	-	-	-
Wyoming-----	1	-	19	2	1	-	1	-	-	-	2	-
Colorado-----	-	-	15	24	-	-	14	17	-	-	5	-
New Mexico-----	-	-	7	37	-	-	3	22	-	-	-	-
Arizona-----	-	3	4	78	-	1	4	49	-	2	-	-
Utah-----	-	1	5	9	-	-	2	2	-	-	-	-
Nevada-----	-	-	2	5	-	-	2	3	-	-	-	-
PACIFIC-----	13	22	456	695	11	21	395	604	2	1	21	-
Washington-----	1	7	33	166	1	7	33	166	-	-	8	-
Oregon-----	-	5	32	145	-	5	18	114	-	-	-	-
California-----	12	9	382	365	10	8	335	311	2	1	13	-
Alaska-----	-	1	2	19	-	1	2	13	-	-	-	-
Hawaii-----	-	-	7	(5)	-	-	7	(5)	-	-	-	-
Puerto Rico-----	3	-	467	4	3	-	462	3	-	-	-	-

¹Includes cases not specified by type, category number 080.3.

²Data exclude report from Nevada for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 24, 1959, AND OCTOBER 22, 1960—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Diphtheria 055				Encephalitis, infectious		Hepatitis, infectious, and serum 092,N998.5 pt.				Measles	
	42d week		Cumulative, first 42 weeks		082		42d week		Cumulative, first 42 weeks		085	
	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959	1960	1959
UNITED STATES ² -----	26	22	551	649	24	52	944	433	31,259	17,973	1,331	1,259
NEW ENGLAND-----	-	-	11	5	-	1	18	20	913	589	152	82
Maine-----	-	-	2	-	-	-	3	-	56	86	1	18
New Hampshire-----	-	-	-	-	-	-	-	-	27	15	3	1
Vermont-----	-	-	-	-	-	-	1	-	13	23	-	13
Massachusetts-----	-	-	8	5	-	1	7	12	453	289	130	44
Rhode Island-----	-	-	1	-	-	-	2	2	179	60	3	-
Connecticut-----	-	-	-	-	-	-	5	6	185	116	15	6
MIDDLE ATLANTIC-----	-	1	13	48	6	16	183	59	3,805	2,687	265	123
New York-----	1	3	25	4	6	123	31	2,098	1,592	126	89	
New Jersey-----	-	-	2	9	1	3	7	7	259	291	56	18
Pennsylvania-----	-	-	8	14	1	7	53	21	1,448	804	83	16
EAST NORTH CENTRAL-----	-	-	38	27	-	8	147	52	5,588	2,821	322	279
Ohio-----	-	-	16	9	-	1	45	13	1,899	826	88	38
Indiana-----	-	-	5	4	-	6	14	2	631	254	38	2
Illinois-----	-	-	6	9	-	1	52	18	1,205	624	29	82
Michigan-----	-	-	9	3	-	-	32	13	1,651	940	61	62
Wisconsin-----	-	-	2	2	-	-	4	6	202	177	106	95
WEST NORTH CENTRAL-----	4	1	36	47	4	3	68	40	2,217	1,397	22	78
Minnesota-----	3	1	17	21	-	-	24	19	320	350	2	46
Iowa-----	-	-	7	3	2	2	2	3	358	123	5	6
Missouri-----	-	-	2	6	-	-	18	6	779	377	-	2
North Dakota-----	-	-	1	2	-	-	1	7	162	280	13	22
South Dakota-----	1	-	6	3	-	-	4	3	138	48	-	-
Nebraska-----	-	-	1	12	-	-	10	2	228	70	2	2
Kansas-----	-	-	2	-	2	1	9	-	232	149	(*)	(*)
SOUTH ATLANTIC-----	11	10	178	199	5	3	93	46	3,641	1,625	85	49
Delaware-----	-	-	-	-	-	-	10	1	218	98	9	2
Maryland-----	-	-	1	7	2	1	10	6	363	343	9	9
District of Columbia-----	-	-	-	-	-	-	-	-	42	15	-	-
Virginia-----	2	-	29	12	2	-	3	16	674	404	13	7
West Virginia-----	-	-	4	2	-	-	13	9	675	258	18	25
North Carolina-----	2	1	10	19	-	-	13	-	332	97	1	1
South Carolina-----	-	3	46	27	-	-	8	1	112	45	5	1
Georgia-----	5	2	33	59	-	2	4	-	239	117	-	-
Florida-----	2	4	55	73	1	-	32	13	986	248	30	4
EAST SOUTH CENTRAL-----	4	1	56	75	2	2	116	57	4,441	1,703	71	58
Kentucky-----	-	-	2	9	2	1	47	40	1,604	796	35	12
Tennessee-----	-	-	7	7	-	1	33	5	1,440	394	33	43
Alabama-----	3	1	27	19	-	-	28	11	976	376	2	2
Mississippi-----	1	-	20	40	-	-	8	1	421	137	1	1
WEST SOUTH CENTRAL-----	7	9	183	215	1	9	56	42	2,460	1,453	77	182
Arkansas-----	-	-	14	37	-	1	21	-	157	73	2	2
Louisiana-----	5	5	40	59	-	-	6	3	140	108	-	7
Oklahoma-----	1	-	18	2	-	-	-	14	291	204	1	1
Texas-----	1	4	111	117	1	8	29	25	1,872	1,068	74	172
MOUNTAIN ² -----	-	-	35	18	-	2	47	40	2,432	2,332	130	162
Montana-----	-	-	3	-	-	-	9	-	121	205	11	-
Idaho-----	-	-	11	-	-	-	2	4	268	276	14	32
Wyoming-----	-	-	5	-	-	-	2	-	26	50	79	25
Colorado-----	-	-	3	7	-	-	15	15	894	718	8	6
New Mexico-----	-	-	4	8	-	-	5	4	281	430	-	46
Arizona-----	-	-	3	2	-	-	10	10	539	461	7	17
Utah-----	-	-	6	-	-	2	4	7	223	171	11	36
Nevada-----	-	-	2	1	-	-	-	-	80	21	-	-
PACIFIC-----	-	-	1	15	6	8	216	77	5,762	3,366	207	246
Washington-----	-	-	-	-	-	-	35	12	679	457	57	145
Oregon-----	-	-	-	4	-	1	38	24	941	701	49	36
California-----	-	-	-	6	6	7	128	41	3,877	2,141	92	37
Alaska-----	-	-	1	5	-	-	14	-	188	67	7	28
Hawaii-----	-	-	-	(2)	-	-	1	(1)	77	(42)	2	(62)
Puerto Rico-----	5	-	118	26	-	-	8	-	630	242	24	11

²Data exclude report from Nevada for the current week.

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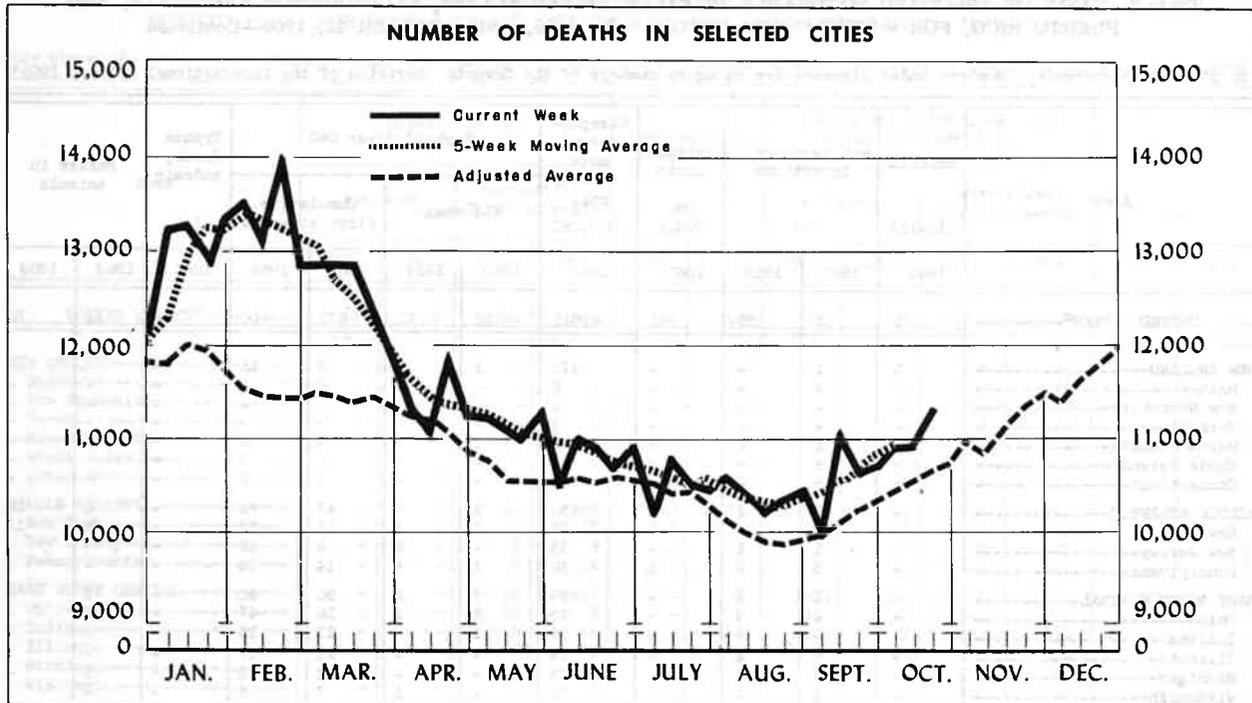
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, AND PUERTO RICO, FOR WEEKS ENDED OCTOBER 24, 1959, AND OCTOBER 22, 1960--Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

Area	Malaria		Meningococcal infections		Psittacosis	Streptococcal sore throat, etc.	Typhoid fever 040				Typhus fever, endemic	Rabies in animals	
	110-117		057		096.2	050,051	42d week		Cumulative, first 42 weeks		101		
	1960	1960	1959	1960	1960	1960	1960	1959	1960	1959	1960	1960	1959
UNITED STATES ² -----	1	50	35	2	4,016	28	21	677	700	-	43	75	
NEW ENGLAND-----	1	1	4	-	173	1	-	9	15	-	-	-	
Maine-----	-	-	-	-	8	-	-	2	2	-	-	-	
New Hampshire-----	-	-	-	-	6	-	-	-	-	-	-	-	
Vermont-----	-	-	-	-	2	-	-	-	-	-	-	-	
Massachusetts-----	1	1	2	-	69	1	-	4	5	-	-	-	
Rhode Island-----	-	-	-	-	13	-	-	-	3	-	-	-	
Connecticut-----	-	-	2	-	75	-	-	3	5	-	-	-	
MIDDLE ATLANTIC-----	-	10	1	1	135	2	7	47	74	-	6	16	
New York-----	-	6	-	-	72	1	1	31	32	-	6	13	
New Jersey-----	-	1	1	-	33	-	2	2	12	-	-	-	
Pennsylvania-----	-	3	-	1	30	1	4	14	30	-	-	3	
EAST NORTH CENTRAL-----	-	15	9	-	229	3	2	90	90	-	3	4	
Ohio-----	-	4	3	-	40	2	1	26	47	-	2	-	
Indiana-----	-	-	-	-	56	1	-	23	13	-	-	3	
Illinois-----	-	3	4	-	29	-	-	21	17	-	-	1	
Michigan-----	-	6	2	-	73	-	-	13	8	-	1	-	
Wisconsin-----	-	2	-	-	31	-	1	7	5	-	-	-	
WEST NORTH CENTRAL-----	-	1	3	-	131	-	-	37	44	-	11	10	
Minnesota-----	-	-	1	-	11	-	-	1	1	-	3	3	
Iowa-----	-	-	-	-	25	-	-	6	8	-	3	1	
Missouri-----	-	-	1	-	7	-	-	22	15	-	1	5	
North Dakota-----	-	-	-	-	44	-	-	1	5	-	-	1	
South Dakota-----	-	-	-	-	2	-	-	3	3	-	4	-	
Nebraska-----	-	1	-	-	-	-	-	2	5	-	-	-	
Kansas-----	-	-	1	-	42	-	-	2	7	-	-	-	
SOUTH ATLANTIC-----	-	10	9	-	351	4	2	103	124	-	6	16	
Delaware-----	-	-	1	-	12	-	-	1	1	-	-	-	
Maryland-----	-	2	1	-	9	-	-	5	5	-	-	-	
District of Columbia-----	-	1	-	-	6	1	-	8	4	-	-	-	
Virginia-----	-	2	1	-	43	1	1	23	25	-	3	9	
West Virginia-----	-	4	-	-	102	1	1	10	13	-	2	1	
North Carolina-----	-	1	6	-	25	-	-	8	11	-	-	2	
South Carolina-----	-	-	-	-	25	-	-	12	11	-	-	-	
Georgia-----	-	-	-	-	-	1	-	24	27	-	-	3	
Florida-----	-	-	-	-	129	-	-	12	27	-	1	1	
EAST SOUTH CENTRAL-----	-	3	3	-	722	8	3	102	95	-	4	5	
Kentucky-----	-	-	1	-	73	4	-	23	16	-	-	-	
Tennessee-----	-	1	2	-	622	2	1	55	50	-	4	2	
Alabama-----	-	1	-	-	21	2	2	19	13	-	-	3	
Mississippi-----	-	1	-	-	6	-	-	5	16	-	-	-	
WEST SOUTH CENTRAL-----	-	-	3	-	608	6	3	188	142	-	7	22	
Arkansas-----	-	-	-	-	-	4	2	46	30	-	2	7	
Louisiana-----	-	-	-	-	5	1	-	57	16	-	3	3	
Oklahoma-----	-	-	-	-	4	-	-	12	16	-	-	-	
Texas-----	-	-	3	-	599	1	1	73	80	-	2	12	
MOUNTAIN ² -----	-	4	1	-	745	2	1	37	40	-	2	2	
Montana-----	-	-	-	-	32	1	-	11	2	-	-	-	
Idaho-----	-	-	-	-	37	-	1	3	5	-	-	-	
Wyoming-----	-	-	-	-	43	-	-	4	7	-	-	-	
Colorado-----	-	1	-	-	184	-	-	1	4	-	-	-	
New Mexico-----	-	2	-	-	228	1	-	9	15	-	1	2	
Arizona-----	-	-	-	-	111	-	-	8	6	-	1	-	
Utah-----	-	1	-	-	110	-	-	1	1	-	-	-	
Nevada-----	-	-	-	-	-	-	-	2	-	-	-	-	
PACIFIC-----	-	6	2	1	922	2	3	64	76	-	4	-	
Washington-----	-	1	1	-	258	-	-	5	2	-	-	-	
Oregon-----	-	2	-	-	30	-	-	8	7	-	3	-	
California-----	-	3	1	1	592	2	3	50	63	-	1	-	
Alaska-----	-	-	-	-	41	-	-	1	4	-	-	-	
Hawaii-----	-	-	-	-	1	-	-	-	-	-	-	-	
Puerto Rico-----	-	1	-	-	1	1	1	19	16	-	-	1	

²Data exclude report from Nevada for the current week.

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The chart shows the number of deaths reported for 117 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week, and an adjusted average for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1955-59, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 4.0 percent to allow for estimated population growth in the cities and surrounding areas.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in selected cities. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week, an estimate is used.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

Area	42d week ended Oct. 22, 1960	41st week ended Oct. 15, 1960	Adjusted average, 42d week 1955-59	Percent change, adjusted average to current week ¹	Cumulative, first 42 weeks		
					1960	1959	Percent change
TOTAL, 117 REPORTING CITIES -----	11,339	10,956	10,649	+6.5	482,510	470,345	+2.6
New England----- (14 cities)	749	728	702	+6.7	30,286	29,513	+2.6
Middle Atlantic----- (20 cities)	3,315	3,243	3,198	+3.7	133,993	134,674	-0.5
East North Central----- (21 cities)	2,391	2,313	2,433	-1.7	104,326	102,146	+2.1
West North Central----- (9 cities)	805	729	774	+4.0	33,525	32,431	+3.4
South Atlantic----- (11 cities)	945	964	924	+2.3	41,357	40,121	+3.1
East South Central----- (8 cities)	473	492	502	-5.8	21,861	21,412	+2.1
West South Central----- (13 cities)	900	911	901	-0.1	42,084	39,219	+7.3
Mountain----- (8 cities)	376	332	289	+30.1	15,107	13,062	+15.7
Pacific----- (13 cities)	1,385	1,244	1,361	+1.8	59,971	57,767	+3.8

¹Adjusted average used as base.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence and week of filing certificate. Excludes fetal deaths)

Area	42d week ended Oct. 22, 1960	41st week ended Oct. 15, 1960	Cumulative, first 42 weeks		Area	42d week ended Oct. 22, 1960	41st week ended Oct. 15, 1960	Cumulative, first 42 weeks	
			1960	1959				1960	1959
NEW ENGLAND:					WEST NORTH CENTRAL—Con.:				
Boston, Mass.-----	270	258	10,579	10,075	St. Louis, Mo.-----	247	208	10,301	9,813
Bridgeport, Conn.-----	42	36	1,714	1,665	St. Paul, Minn.-----	75	68	2,907	2,723
Cambridge, Mass.-----	25	30	1,305	1,185	Wichita, Kans.-----	58	39	1,943	1,989
Fall River, Mass.-----	36	21	1,181	1,180	SOUTH ATLANTIC:				
Hartford, Conn.-----	54	57	2,047	2,039	Atlanta, Ga.-----	96	107	4,911	4,622
Lowell, Mass.-----	24	25	1,000	973	Baltimore, Md.-----	249	267	10,556	10,100
Lynn, Mass.-----	28	29	1,023	981	Charlotte, N.C.-----	26	34	1,628	1,524
New Bedford, Mass.-----	16	27	1,020	1,000	Jacksonville, Fla.-----	64	52	2,481	2,386
New Haven, Conn.-----	41	42	1,876	1,859	Miami, Fla.-----	73	66	3,038	2,917
Providence, R.I.-----	71	42	2,664	2,702	Norfolk, Va.-----	39	35	1,676	1,649
Somerville, Mass.-----	10	8	554	537	Richmond, Va.-----	79	77	3,264	3,260
Springfield, Mass.-----	47	57	1,896	1,863	Savannah, Ga.-----	23	24	1,398	1,384
Waterbury, Conn.-----	29	35	1,149	1,163	St. Petersburg, Fla.-----	(64)	(56)	(2,946)	(2,708)
Worcester, Mass.-----	56	61	2,278	2,291	Tampa, Fla.-----	76	68	2,756	2,618
MIDDLE ATLANTIC:					EAST SOUTH CENTRAL:				
Albany, N.Y.-----	32	28	1,791	2,147	Birmingham, Ala.-----	89	76	3,542	3,443
Allentown, Pa.-----	40	35	1,462	1,442	Chattanooga, Tenn.-----	43	46	1,982	1,933
Buffalo, N.Y.-----	132	148	6,072	6,050	Knoxville, Tenn.-----	31	22	1,178	1,203
Camden, N.J.-----	33	42	1,763	1,725	Louisville, Ky.-----	94	127	4,813	4,731
Elizabeth, N.J.-----	27	29	1,224	1,248	Memphis, Tenn.-----	95	104	4,671	4,704
Erie, Pa.-----	39	33	1,619	1,527	Mobile, Ala.-----	42	32	1,750	1,610
Jersey City, N.J.-----	74	59	2,989	3,064	Montgomery, Ala.-----	34	29	1,450	1,378
Newark, N.J.-----	112	90	4,091	4,171	Nashville, Tenn.-----	45	56	2,495	2,410
New York City, N.Y.-----	1,707	1,760	68,288	68,957	WEST SOUTH CENTRAL:				
Paterson, N.J.-----	53	34	1,608	1,615	Austin, Tex.-----	18	42	1,434	1,337
Philadelphia, Pa.-----	502	435	20,529	20,520	Baton Rouge, La.-----	33	31	1,216	1,123
Pittsburgh, Pa.-----	203	164	8,040	7,757	Corpus Christi, Tex.-----	24	24	987	878
Reading, Pa.-----	23	22	993	929	Dallas, Tex.-----	111	116	5,189	4,946
Rochester, N.Y.-----	99	113	4,201	4,046	El Paso, Tex.-----	33	30	1,596	1,514
Schenectady, N.Y.-----	15	24	989	1,037	Fort Worth, Tex.-----	48	55	2,783	2,627
Scranton, Pa.-----	36	36	1,569	1,511	Houston, Tex.-----	150	161	7,076	6,486
Syracuse, N.Y.-----	82	86	2,614	2,639	Little Rock, Ark.-----	50	34	2,386	2,247
Trenton, N.J.-----	53	50	1,733	1,792	New Orleans, La.-----	147	158	7,474	7,021
Utica, N.Y.-----	30	24	1,136	1,179	Oklahoma City, Okla.-----	98	80	3,153	2,908
Yonkers, N.Y.-----	23	31	1,282	1,318	San Antonio, Tex.-----	94	99	4,224	3,973
EAST NORTH CENTRAL:					SHREVEPORT, LA.-----				
Akron, Ohio-----	54	48	2,384	2,450	Shreveport, La.-----	60	44	2,273	2,137
Canton, Ohio-----	45	40	1,461	1,397	Tulsa, Okla.-----	34	37	2,293	2,022
Chicago, Ill.-----	769	679	32,204	31,528	MOUNTAIN:				
Cincinnati, Ohio-----	156	126	6,605	6,663	Albuquerque, N. Mex.-----	46	25	1,293	1,256
Cleveland, Ohio-----	203	223	8,821	8,741	Colorado Springs, Colo.-----	16	20	702	645
Columbus, Ohio-----	114	94	4,931	4,899	Denver, Colo.-----	125	116	5,005	4,802
Dayton, Ohio-----	77	59	3,127	2,813	Ogden, Utah-----	25	15	700	641
Detroit, Mich.-----	299	331	14,203	13,665	Phoenix, Ariz.-----	58	64	3,195	2,140
Evansville, Ind.-----	40	33	1,535	1,525	Pueblo, Colo.-----	16	16	689	580
Flint, Mich.-----	38	51	1,684	1,689	Salt Lake City, Utah-----	52	51	2,039	2,013
Port Wayne, Ind.-----	29	34	1,535	1,521	Tucson, Ariz.-----	38	25	1,485	985
Gary, Ind.-----	29	24	1,299	1,230	PACIFIC:				
Grand Rapids, Mich.-----	41	42	1,730	1,748	Berkeley, Calif.-----	23	13	712	708
Indianapolis, Ind.-----	126	118	6,091	5,765	Fresno, Calif.-----	(40)	(34)	(1,821)	(1,686)
Madison, Wis.-----	32	25	1,320	1,240	Glendale, Calif.-----	(29)	(21)	(1,588)	(1,522)
Milwaukee, Wis.-----	122	125	5,249	5,330	Honolulu, Hawaii-----	40	38	1,728	1,593
Peoria, Ill.-----	24	34	1,272	1,249	Long Beach, Calif.-----	53	39	2,272	2,267
Rockford, Ill.-----	15	34	1,184	1,156	Los Angeles, Calif.-----	439	452	21,087	20,119
South Bend, Ind.-----	28	40	1,223	1,143	Oakland, Calif.-----	122	80	4,040	3,789
Toledo, Ohio-----	98	104	4,171	4,172	Pasadena, Calif.-----	41	27	1,444	1,315
Youngstown, Ohio-----	52	49	2,297	2,250	Portland, Oreg.-----	103	77	4,624	4,651
WEST NORTH CENTRAL:					SACRAMENTO, CALIF.-----				
Des Moines, Iowa-----	44	58	2,286	2,238	Sacramento, Calif.-----	67	48	2,439	2,313
Duluth, Minn.-----	31	25	1,070	1,051	San Diego, Calif.-----	92	92	3,823	3,414
Kansas City, Kans.-----	32	35	1,464	1,493	San Francisco, Calif.-----	195	166	8,301	8,094
Kansas City, Mo.-----	112	119	5,244	4,994	San Jose, Calif.-----	(39)	(31)	(1,450)	(1,062)
Lincoln, Nebr.-----	(23)	(20)	(1,090)	(1,083)	Seattle, Wash.-----	137	130	5,798	5,715
Minneapolis, Minn.-----	124	126	5,237	5,162	Spokane, Wash.-----	46	46	1,995	2,080
Omaha, Nebr.-----	82	51	3,073	2,968	Tacoma, Wash.-----	27	36	1,708	1,709

EXPLANATION OF SYMBOLS USED IN TABLES

Data not available-----	---
Quantity zero-----	-
Percent more than 0 but less than 0.05-----	0.0
Disease stated not notifiable-----	*
Figures within parentheses not included in totals--	()

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from the health departments of each State and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Total figures for the United States and the Pacific Division include data for Alaska for 1959 and 1960; data for Hawaii are included for 1960 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence are reported by a State (cholera, dengue, plague, louse-borne relapsing fever, small-pox, louse-borne epidemic typhus, and yellow fever) this is noted below table 1.